

Worker Protection Standard Updates



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40 CFR Part 170: Revisions to EPA's Agricultural Worker Protection Regulation

Background on EPA's Planned Regulation
Revisions



Key Pesticide Worker Safety Program Goals

- Minimize pesticide exposure to occupational pesticide users and agricultural field workers
- Protect human health and the environment by ensuring the competency of pesticide applicators

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- Pesticide worker safety program goals are achieved through:
 - Implementing two related pesticide worker safety regulations
 - The Agricultural Worker Protection Rule (40 CFR Part 170)
 - Pesticide Applicator Certification Rule (40 CFR Part 171)
 - Guidance and training for state regulators
 - Developing program support materials and resources (training materials, exams, etc.)
 - Multi-lingual, multi-media outreach to populations with environmental justice issues
 - Partnership with a broad range of government and non government entities



Summary of Current Requirements

- Pesticide safety training and safety information
- Restrictions during applications
- Restricted-entry intervals (REI)
- Personal protective equipment (PPE)
- Notice of applications and posting of treated areas
- Decontamination supplies
- Emergency assistance
- Employer record keeping and information about applications
- Access to labeling and site specific information for handlers



Rationale for Revisions

- Changes under consideration build on the foundations of the existing requirements with targeted improvements necessary to achieve FIFRA's protective mandates
 - There are significant gaps in protection resulting in preventable adverse health effects for workers
 - Lack of clarity in current regulations increases confusion for businesses and makes enforcement difficult for States



Overview of Proposals Under Consideration

- Improve effectiveness of worker and handler training:
 - ☐ Reduce retraining interval
 - ☐ Expand training contents
 - ☐ Eliminate grace period
 - ☐ Improved worker trainer competency
 - ☐ Establish training recordkeeping
- Improve protections to workers from Restricted Entry Intervals (REIs):
 - ☐ Ag employer provide notifications to workers when directing early entry (during REI) to a treated area
 - Oral and written notifications
 - Limit duration of early entry during agricultural emergency
 - Keep records of workers in a treated area during the REI.
 - ☐ Post warning signs at treated area for pesticide application with a certain REI.
 - ☐ Improve content of warning signs posted at treated areas during REI
- Improve protections for workers during pesticide applications:
 - ☐ Requirement for application restrictions for farms/forests similar to those in place for nurseries and greenhouses



Overview of Proposals Under Consideration

- Improve hazard communication protections:
 - ☐ Expanded information on application and hazard to be available
 - ☐ Specify when application information must be recorded and retention period.
 - ☐ Require handler employer of commercial applicators to notify agricultural employer of any changes in application, within specified time period.
- Improve effectiveness of safety poster:
 - ☐ Expand poster content to match expanded training points
 - ☐ Add requirement for poster at decontamination supply location
- Improve protections for Crop Advisor employees:
 - ☐ Require PPE for entry during REI
 - ☐ Provide decontamination supplies
- Improve effectiveness of decontamination supplies:
 - ☐ Improve eye flush water supply requirements for workers and handlers
- Improve effectiveness of emergency information:
 - ☐ Specify information to be provided and time allowed to provide it



Overview of Proposals Under Consideration

- Protect children:
 - Establish minimum age for worker entry under the REI
- Improve handler application restrictions:
 - Require handlers to cease application if workers enter restricted area around treated area.
- Improve effectiveness of Personal Protective Equipment (PPE):
 - Clarify requirements for closed systems to permit exception for PPE.
 - Require maintenance of enclosed cabs and closed systems
 - Require medical monitoring, fit testing, and training for handlers who use respirators.
- Protect children:
 - Establish minimum age for handlers



Pesticide Safety Training: A Healthy Partnership





Committed to improving the quality of life for migrant and seasonal farmworkers and their families.

- 52 member organizations
- Serving 340 communities
- Fifteen year history of partnering with EPA Office of Pesticide Programs
- Provided pesticide safety training to 500,000 farmworkers and farmworker families
- Three programs, using storytelling, to focus on pesticide safety



Americorps SAFE Project

Serving

America's

Farmworkers

Everywhere

Partnership with EPA,
AmeriCorps and
AFOP





SAFE Project

Serving

America's

Farmworkers

Everywhere

- 28 members-unique background
- 10 sites in 9 states
- Worker protection safety training is primary responsibility
- Thousands of farmworkers trained on pesticide worker safety
- Storyboard tool for safety training





Project HOPE

HHealth

Outreach through

Pesticide

Education

Strengths of HOPE =
community based





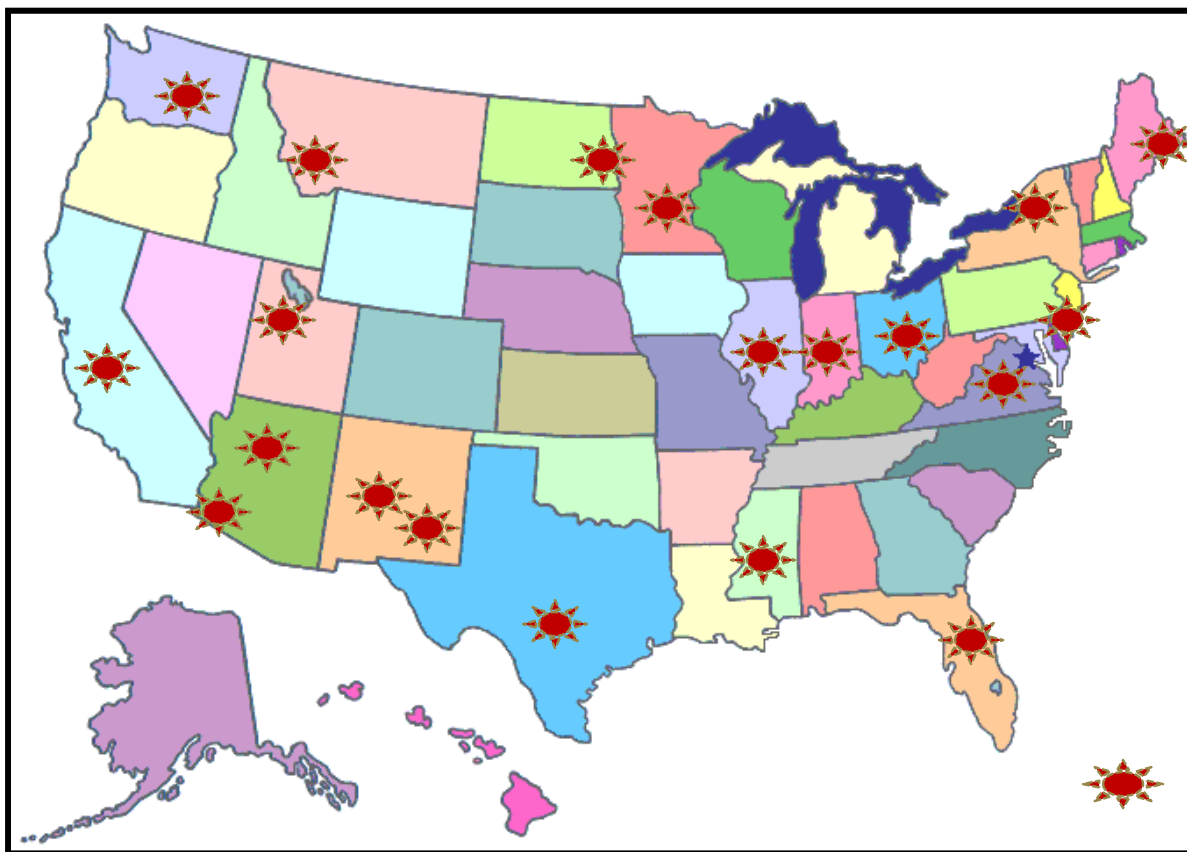
Project HOPE

23 sites in 22 States

80 Certified Trainers-
culturally sensitive

Trained 19,000
farmworkers

Strengths of HOPE
trainers





AFOP's Pesticide Safety Training Model

Low-literacy level

Interactive

Demonstrations

Audience Participation

Story Telling

Sharing personal experience

Language component









Project LEAF

Limiting

Exposures

Around

Families

EPA recognized
need - studies and
health factors for kids





Project LEAF

Limiting

Exposures

Around

Families



Meet the LEAF Family

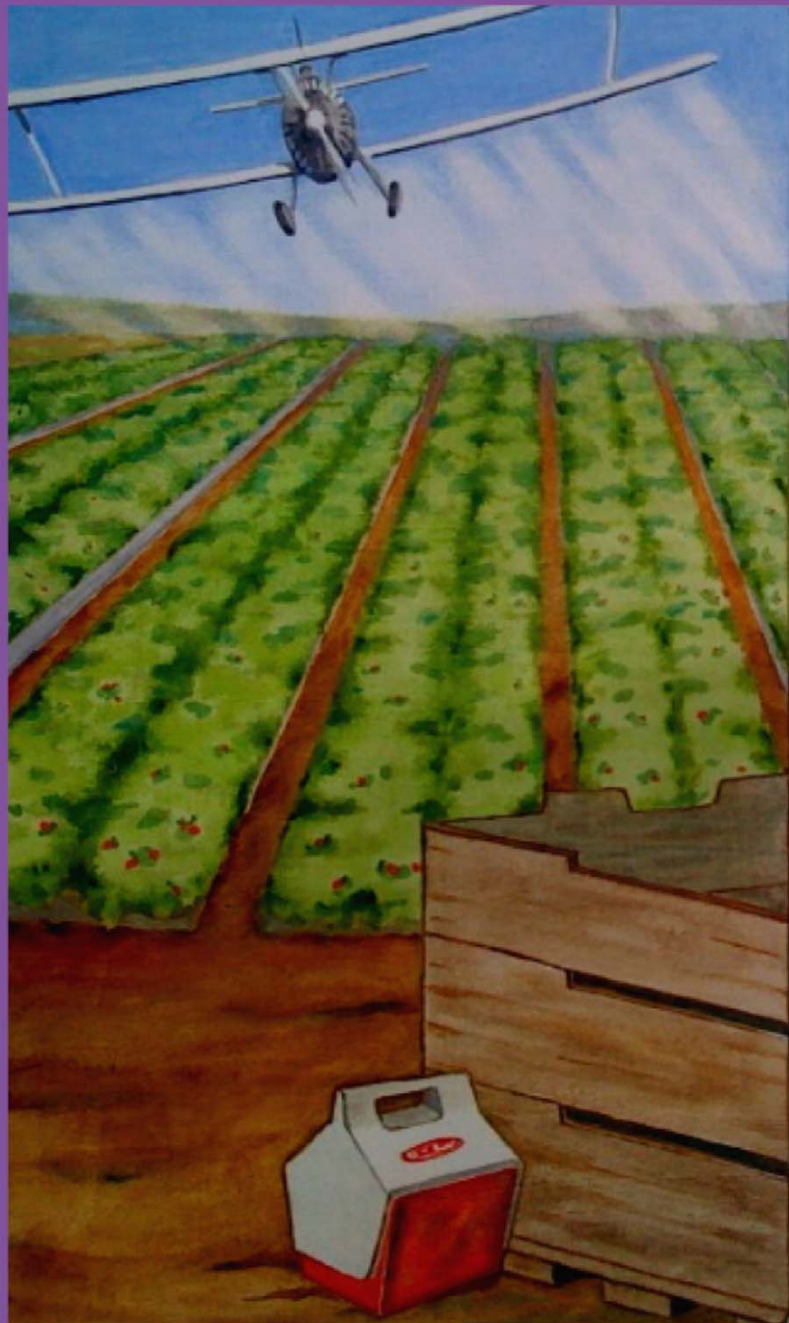
Marcos, Isabella, Dona Cecilia, Ruben, Leity,
Baby Anita

Story Telling = Action Items for Farmworker Families



Behavior Change Recommendations









DISCLAIMER

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